

Name DuPont™ Joint Adhesive 2.0



Product ID Joint/Seam Adhesive: Quartz      Classification 06 06 60.00 Wood, Plastics, and Composites (framing): Schedules for Plastic Fabrications  
Surfacing, Solid Surfacing

Website [www.dupont.com/products-and-services/construction-materials/surface-design-materials.html](http://www.dupont.com/products-and-services/construction-materials/surface-design-materials.html)

Manufacturer E.I. du Pont de Nemours and Company      Contact Name Alicia Willey  
Title Global Communications Manager

Address Chestnut Run Plaza      Phone 1-800-426-7426  
974 Centre Road      Email  
Wilmington, DE 19805

Description DuPont™ Joint Adhesive 2.0, for use with quartz and solid surfaces, is produced in specific colors to coordinate with DuPont™ Corian® and Zodiaq® surfaces. Color-coordinated DuPont™ Joint Adhesive 2.0 will bond sheets of DuPont™ Corian® Solid Surface with inconspicuous seams. This results in a smooth continuous surface which enables you to create large designs fashioned from a single element.

DuPont™ Joint Adhesive 2.0 is one of only two adhesives approved by DuPont for making rigid bonds to Corian® Solid Surface and Zodiaq® Quartz Surface products. DuPont™ Joint Adhesive 2.0 is UL Environment GREENGUARD and UL Environment GREENGUARD GOLD Certified as a low-emitting material.

**DuPont™ Joint Adhesive 2.0 does not contain phthalates nor urea-formaldehyde resins. DuPont™ Joint Adhesive 2.0 does not contain any of the red list materials listed by Cascadia Green Building Council in the Living Building Challenge™ “Materials Red List”.**

Release Date 2015-09-24       Self-declared

Expiry Date 2018-09-24       Second Party      Certifier

HPD URL <https://builder.hpd-collaborative.org/uploads/files/hpds/270/3675-20150924112509.pdf>       Third Party      Certificate #

## SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

### Residuals Disclosure

- Measured 100 ppm (ideal)
- Measured 1000 ppm
- Predicted by process chemistry
- As per MSDS (1,000 & 10,000 ppm)
- Not disclosed
- Other

### Full Disclosure of Intentional Ingredients

Yes       No

### Full Disclosure of Known Hazards

Yes       No

### Disclosure Notes

Residuals in Component A and Component B have not been determined.

## Contents in Descending Order of Quantity

Undisclosed (Mixture of Benzoate Esters) , METHYL METHACRYLATE , Acrylic acid butyl ester, acrylonitrile, styrene polymer , Undisclosed (Proprietary Polymer) , 3-trimethoxysilylpropyl methacrylate , 1,1,1-TRIMETHYLOLPROPANE TRIMETHACRYLATE , BENZOYL PEROXIDE , Titanium dioxide , Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]- , Undisclosed (Colorants) , CARBON BLACK

## Hazards

- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation
- Development
- Reproductive
- Endocrine
- Respiratory

## Highest concern GreenScreen score - List Translator Benchmark 1

- Neurotoxicity
- Mammal
- Skin or Eye
- Aquatic toxicity
- Land toxicity
- Physical hazard
- Global warming
- Ozone depletion
- Multiple
- Unknown

## Total VOC Content

Material (g/L) 5.00  
Regulatory (g/L) 5.00

Does the product contain exempt VOCs?       N/A       Yes       No

Are there VOC-free tints available?       N/A       Yes       No

**Notes**

Note: DuPont™ Joint Adhesive 2.0, Component A and Component B are mixed in a 10:1 ratio, meets the requirements of South Coast Air Quality Management District (SCAQMD) Rule 1168.

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**Certifications + Compliance**

**VOC Emissions**

UL/GreenGuard - Certified  
UL/GreenGuard - Gold Certified

**VOC Content**

Not tested

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an "open standard" developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit [hpdcollaborative.org](http://hpdcollaborative.org).

## CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at [www.hpdcollaborative.org/hazardlists](http://www.hpdcollaborative.org/hazardlists).

**GS:** GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
Undisclosed (Mixture of Benzoate Esters)	Unknown	75 - 95 %		N	N	Stabilizer
Unknown	Not disclosed					
A two-part adhesive cartridge delivery system mixes Component A and Component B in a 10:1 ratio. The percent by weight listed above is for this ingredient in Component B. The specific identity of this component is proprietary information.						
<b>METHYL METHACRYLATE</b>	80-62-6	45 - 65 %	LT-U	N	N	acrylic resin, polymerizable monomer
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact. (also in MAK)					
FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.					
A two-part adhesive cartridge delivery system mixes Component A and Component B in a 10:1 ratio. The percent by weight listed above is for this ingredient in Component A.						
<b>Acrylic acid butyl ester, acrylonitrile, styrene polymer</b>	26299-47-8	25 - 40 %	LT-U	N	N	Thickening agent
None found	No warnings found on HPD Priority lists					
A two-part adhesive cartridge delivery system mixes Component A and Component B in a 10:1 ratio. The percent by weight listed above is for this ingredient in Component A.						
<b>Undisclosed (Proprietary Polymer)</b>	Undisclosed	5 - 20 %	LT-U	N	N	Thickening Agent

None found	No warnings found on HPD Priority lists					
A two-part adhesive cartridge delivery system mixes Component A and Component B in a 10:1 ratio. The percent by weight listed above is for this ingredient in Component B.						
<b>3-trimethoxysilylpropyl methacrylate</b>	2530-85-0	0 - 5 %	LT-U	N	N	Coupling agent
None found	No warnings found on HPD Priority lists					
A two-part adhesive cartridge delivery system mixes Component A and Component B in a 10:1 ratio. The percent by weight listed above is for this ingredient in Component A.						
<b>1,1,1-TRIMETHYLOLPROPANE TRIMETHACRYLATE</b>	3290-92-4	0 - 5 %	LT-P1	N	N	Cross-linking agent
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
A two-part adhesive cartridge delivery system mixes Component A and Component B in a 10:1 ratio. The percent by weight listed above is for this ingredient in Component A.						
<b>BENZOYL PEROXIDE</b>	94-36-0	0 - 4 %	LT-U	N	N	Initiator
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.					
REACTIVE	EU H-Statements: H241 Heating may cause a fire or explosion					
A two-part adhesive cartridge delivery system mixes Component A and Component B in a 10:1 ratio. The percent by weight listed above is for this ingredient in Component B.						
<b>Titanium dioxide</b>	13463-67-7	0 - 2 %	LT-1	N	N	Colorant
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
A two-part adhesive cartridge delivery system mixes Component A and Component B in a 10:1 ratio. The percent by weight listed above is for this ingredient in Component A.						
<b>Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-</b>	103671-44-9	0 - 1 %		U	U	Activator in benzoyl peroxide initiated redox polymerization for acrylics
None found	No warnings found on HPD Priority lists					
A two-part adhesive cartridge delivery system mixes Component A and Component B in a 10:1 ratio. The percent by weight listed above is for this ingredient in Component A.						
<b>Undisclosed (Colorants)</b>	Unknown	0 - 0.1 %		N	N	Colorant
Unknown	Not disclosed					
Fe3O4, Iron Oxide Black (CAS NO.12227-89-3, 1317-61-9); Fe2O3 Iron(III)oxide, Iron oxide red (CAS NO. 1309-37-1); FeO(OH)-H2O, Yellow Iron Oxide (CAS NO. 51274-00-1 ). The percent by weight listed above is for these ingredients in Component A.						
<b>CARBON BLACK</b>	1333-86-4	0 - 0.1 %	LT-1	N	N	Colorant
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					

A two-part adhesive cartridge delivery system mixes Component A and Component B in a 10:1 ratio. The percent by weight listed above is for this ingredient in Component A.

**CERTIFICATIONS AND COMPLIANCE**

**Certifying Party** = First: Manufacturer’s self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

**Applicable facilities** = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	UL/GreenGuard - Certified			UL Environment
	3rd party independent certification	2015-08-06	2015-11-07	<a href="http://productguide.ulenvironment.com/ProductDetail.aspx?productID=69919&amp;CategoryID=23&amp;BrandID=443">productguide.ulenvironment.com/ProductDetail.aspx?productID=69919&amp;CategoryID=23&amp;BrandID=443</a>
	All			
VOC Emissions	UL/GreenGuard - Gold Certified			UL Environment
	3rd party independent certification	2015-08-06	2015-11-07	<a href="http://productguide.ulenvironment.com/ProductDetail.aspx?productID=69919&amp;CategoryID=23&amp;BrandID=443">productguide.ulenvironment.com/ProductDetail.aspx?productID=69919&amp;CategoryID=23&amp;BrandID=443</a>
	All			
VOC Content	Not tested			
Recycled Content	Not tested			
Other				

**ACCESSORY MATERIALS**

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products.

Note: This declaration is not intended to address hazards of the installation process.

Required or	URL for Companion Health Product Declaration
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Recommended Product	
Condition when required or recommended and/or other notes	
Zodiaq® Quartz Surfaces	<a href="http://www.dupont.com/content/dam/dupont/tools-tactics/bi/surfaces-technical-library/documents/north-america/Zodiaq_Quartz_Surface_HPDP_updated.pdf">www.dupont.com/content/dam/dupont/tools-tactics/bi/surfaces-technical-library/documents/north-america/Zodiaq_Quartz_Surface_HPDP_updated.pdf</a>
<p>Zodiaq® Quartz Surface brings the best of nature and science to the best of contemporary residential and commercial design. The sparkling crystal within Zodiaq® quartz surfaces balances stunning light-play with mesmerizing depth. Long-lasting and UL Environment GREENGUARD and UL Environment GREENGUARD GOLD Certified as a low-emitting material, Zodiaq® surfaces are a high-performance material, delivering strength, and heat and scratch resistance. Zodiaq® is certified Mold Resistant per Environmental Claim Validation UL 2824. DuPont Quartz Surfaces do not contain phthalates nor urea-formaldehyde resins.</p>	
DuPont™ Corian® Solid Surface	<a href="http://www.dupont.com/content/dam/dupont/tools-tactics/bi/surfaces-technical-library/documents/north-america/Corian_Acrylic_Solid_Surface_HPDP_updated.pdf">www.dupont.com/content/dam/dupont/tools-tactics/bi/surfaces-technical-library/documents/north-america/Corian_Acrylic_Solid_Surface_HPDP_updated.pdf</a>
<p>DuPont™ Corian® Acrylic Solid Surface is a solid, nonporous, homogeneous material, composed of acrylic resin and natural minerals. In its finished form Corian® Solid Surface Material is an article, is nontoxic and non-allergic to humans, and is third-party certified to be free of heavy metals. Corian® is certified Mold Resistant per Environmental Claim Validation UL 2824. Corian® is UL Environment GREENGUARD and UL Environment GREENGUARD GOLD Certified as a low-emitting material. DuPont™ Corian® Solid Surfaces do not contain phthalates nor urea-formaldehyde resins. *Additional product classifications may include: 06 61 16 Solid Surface Fabrications, 10 21 13 Toilet Compartments and 12 36 61 Solid Surfacing Countertops, 09 72 18 – Hygienic Polymer Wall Panels.</p>	

**NOTES**

DuPont™ Joint Adhesive 2.0 is provided in three sizes, 50 mL, 250 mL and 470 mL (bulk). All joint adhesive must be used by date printed on the container. Please read the Safety Data Sheets (SDS). The SDS documents include important safety information and may be found at [msds.dupont.com](http://msds.dupont.com). Copyright © 2015 DuPont. All rights reserved. The DuPont Oval Logo, DuPont™, The miracles of science™ and all products denoted with ® or ™ are trademarks or registered trademarks of E. I. du Pont de Nemours and Company or its affiliates.